

Text Search updated 5/26/04 1:45:12 PM

L Number	Hits	Search Text	DB	Time stamp
2	657	221/211.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:41
3	127	221/81.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:42
4	1	221/81.ccls. and component adj supply	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:42
5	1	221/81.ccls. and (221/81.ccls. and component adj supply)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:42
	0	414/411.ccls. and (221/81.ccls. and component adj supply)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:42
1	419	414/411.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:43
7	9	414/411.ccls. and component adj feeder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:43
-	5	component adj feeder and adjusting near device and actuator and spring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:41
-	8	component adj feeder and adjusting near device and actuator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:16
-	2	5020959.bn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:16

-	5	component adj feeder and adjusting and (414/416.05, 221/211 , 221/25 , 221/81 , 29/759).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:20
-	7	component adj feeder and adjusting and (414/416.05, 221/211 , 221/25 , 221/81 , 29/759, 156/584, 156/344 , 221/25 , 221/72 , 221/87 , 226/139 , 226/8 414/411).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:23
-	3	adjustable near member and supply adj module	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:26
-	6	locking adj element and supply adj module	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:28
-	12	LIEBEKE near THOMAS .inv.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:28

	Title	Current OR
1	Auto-loading component tape feeder	414/411
2	Automatic feeder for strip-supported contacts	414/411
3	Tape feeder with improved cover tape disposition path and drive	156/344
4	Multiple index tape feeder and method	414/411
5	Electronic component feeder	414/411
6	Electric-component feeder	156/584
7	Electronic component feeder	156/584
8	Electronic component feeder	156/584
9	COMPONENT FEEDER	

Current XRef	
1	414/416.1
2	
3	156/584; 221/25; 221/72; 221/87; 414/411
4	414/403; 414/416.05
5	156/584
6	156/344; 221/25; 221/87; 414/411; 414/416.01
7	156/344; 221/25; 221/79; 221/87; 226/8; 414/411; 414/416.01
8	156/344; 221/25; 221/72; 221/87; 226/139; 226/8; 414/411
9	414/411

	Title	Current OR
1	Device and method for feeding taped electrical components	226/32
2	Feed device for conveyor belts loaded with pick-and-place components	198/832
3	Component tape transport wheel and transport system, and method of operating a component tape transport system	226/76
4	Method and device for determining the pick-up position of electrical components in a component in a components placement device	29/833
5	Feeding devices for taped electric components	226/188
6	Placement element release device for multiple placement element belts and release system for placement elements	414/403
7	Precision bearing for feed modules of automatic placement machines	248/694
8	DEVICE AND METHOD FOR FEEDING TAPED ELECTRICAL COMPONENTS	
9	FEEDER FOR ELECTRIC COMPOUNDS WHICH ARE TAKEN UP IN A BELT	
10	FEEDING DEVICES FOR TAPED ELECTRIC COMPONENTS	
11	INSERTION ARRANGEMENT AND USE THEREOF	
12	SUPPLY MODULE FOR FEEDING ELECTRICAL COMPONENTS TO AN AUTOMATIC PLACEMENT DEVICE	

	Current XRef
1	226/139
2	
3	226/188
4	29/740; 29/832
5	226/76
6	414/416.03
7	
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11	
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